

**INLAND WETLANDS & WATERCOURSES AGENCY
REGULAR MEETING
MONDAY, SEPTEMBER 14, 2015 – 8:00 P.M.
WOODSTOCK TOWN HALL – LOWER LEVEL, ROOM B**

MINUTES

Present: Chair Mark Parker, Diane Wolff, Wayne (Woody) Durst, Patty Lacasse, Marla Butts, Carl Knittel, Tina Lajoie (IWWA Clerk). **Absent:** Terry Bellman (Wetlands Agent)

- I. Call to Order** – Meeting was called to order by Chair Mark Parker at 8:00 p.m.
- II. Roll Call** – Diane Wolff, Woody Durst, Mark Parker, Patty Lacasse, Marla Butts, Carl Knittel
- III. Appointment of Alternates** – None
- IV. Action on Minutes of Previous Meeting – August 10, 2015**
MOTION BY D. WOLFF, SECONDED BY M. BUTTS TO APPROVE THE MINUTES AS PRESENTED.
MOTION CARRIED. (P. LACASSE ABSTAINS).
- V. Old Business**
 - 1. 06-15-05 Town of Woodstock/Highway, Bungay Hill Road – Drainage repair**
(Carl Knittel has recused himself from this application since he is a Lake Bungee Tax District resident.)

Syl Pauley, NECCOG Professional Engineer, is present to represent the Town/Public Works Department. Complete drainage report was submitted. S. Pauley states that he has no additional information to add but if there are any questions, he would be happy to explain. Summary of report is as follows: He evaluated the 5, 10 and 25-year storms for the entire system and the chart on page 4 shows the results of the analysis. He states there is one pipe in the 5-year storm that just meets the full flow for the 5" pipe between what he has labeled CB-11 to CB-13. Catch basins are identified in a schematic on page 9. Drainage system is about one-half mile long from near the top of the hill down to the Bungee Brook. On the 10-year storm, two different segments shown do not meet the full flow condition. He states they will work under pressure condition and some water will back up to catch basins prior to hitting those pipes. The report does not necessarily mean that they will over flow because there is a pressure flow. Evaluating the 25-year storm, an additional segment kicks in as meeting or slightly exceeding the full flow capacity. Drainage systems of this type are normally configured for the 10-year storm. A 25-year storm is usually reserved for cross culverts and more usual to use the 50-year/100-year on a major cross culvert such as the ones that carry Bungee Brook underneath Bungay Hill Rd. In this case, probably 100- year due to FEMA flood plain. The culverts will contribute somewhat to the flood plain upstream that is on the FEMA map included in the drainage report. A schematic of the watershed coming off Bungay Hill Road that goes into the road is included in the report. As previously stated, S. Pauley doesn't believe a lot of that drainage actually reaches the road because there are swales that divert the water down toward the brook.

S. Pauley explains that the public work's information (page 10 & 11) contained in the report were included and carefully converted and incorporated in these final calculations. The plunge pool that is included on the last page must be done by a professional land surveyor for the 100-year flood plain. The design is a bit larger than what the DOT would require but important to allow for the plunge pool to act as a level spreader and to drop the velocity down as low as possible. This design is for maximum spread of the water to include sharp angular riprap from the edge of the plunge pool on the brook side, down to the brook. There was lengthy discussion on the report, to include the inlet to the system and confusion on the reaches and how much is coming into the system. S. Pauley explains the discrepancies and how the software translates and calculates the information and comments on the software's limitations. He would like to be consulted by the surveyor when completing the A-2 survey work on the plunge pool and finding the 100- year flood plain. This will be an additional cost to the town and Mr. Navarro was notified of this. M. Butts comments on the design showing a 90 degree turn at the bottom of the hill and asks if that may cause a problem with the catch basin. S. Pauley doesn't expect any problem. No further questions.

A letter was submitted signed by the Town of Woodstock representative, Allan Walker, requesting a 65-day extension on the Agency decision which allowed the time necessary to receive the drainage calculations submitted by S. Pauley. The fact that the town was not involved during the construction process makes it impossible to properly determine how much of the erosion could be attributed to the construction activities or road sanding operations or natural erosion which would cause siltation. The siltation in the lake really cannot be addressed by IWWA without having been involved from the beginning construction. The plan submitted would address the correction of any problem from this point forward. The timing of the

project will need to be addressed in the motion. **MOTION BY M. BUTTS TO APPROVE APPLICATION #06-15-05 (TOWN OF WOODSTOCK/HIGHWAY – BUNGAY HILL RD.) WITH THE FOLLOWING CONDITIONS: 1) BY FEBRUARY 1, 2016, THE PERMITTEE SHALL SUBMIT FOR THE COMMISSION'S (IWWA) REVIEW AND WRITTEN APPROVAL A PLAN PREPARED BY A LAND SURVEYOR AND PROFESSIONAL ENGINEER, BOTH LICENSED TO PRACTICE IN CT, FOR THE CONSTRUCTION OF A NEW STORM WATER OUTFALL, INCLUDING A PLUNGE POOL AND LEVEL SPREADER PLACED IN RELATION TO THE FEMA FLOOD PLAIN AND EXISTING DRAINAGE EASEMENT, SUCH THAT THE DESIGNED OUTFALL WILL REMAIN STABLE DURING A TEN-YEAR RETURN FREQUENCY STORM; 2) ALL WORK ASSOCIATED WITH THE CONSTRUCTION OF SUCH OUTFALL SHALL OCCUR BY SEPTEMBER 14, 2016. SECONDED BY P. LACASSE. MOTION CARRIED. (Carl Knittel abstains).**

2. 08-15-09 Creative Exteriors, LLC, 167 Laurel Hill Dr. – lake wall reconstruction & stump removal
Tim Tomko of Creative Exteriors, LLC is present on behalf of the property owners, Tom & Nancy Coogan. Document received from Windham Water Works stating no objections to proposal. Certified mailing receipt is submitted for the file. No additional questions from IWWA. **MOTION BY D. WOLFF TO APPROVE #08-15-09, SECONDED BY M. BUTTS. MOTION CARRIED UNANIMOUSLY.**

3. 08-15-11 TFA Farms & Landscaping, 119 Crooked Trail, Ext. – creating beach area
One of the owners of the property, Sharon Kowaleski, is present to answer any questions. Quick review of specifics. Beach area had already been here in the past, just being improved. **MOTION BY D. WOLFF TO APPROVE #08-15-11, SECONDED BY C. KNITTEL. MOTION CARRIED UNANIMOUSLY.**

VI. NEW BUSINESS

1. Michael J. Barlett (Hull Forest), Converse Rd (5665, 05, 02&05) – Timber Harvest
Proposal shows work out of the wetlands area. Mapping was well done per IWWA. Considered a “Use Permitted as of Right”. **MOTION BY M. BUTTS TO APPROVE TIMBER HARVEST REQUEST (PROPERTY OF DWIGHT & DIANE MITCHELL) AS A USE PERMITTED AS OF RIGHT UNDER SECTION 4.1 OF THE IWWA REGULATIONS , SECONDED BY P. LACASSE. MOTION CARRIED UNANIMOUSLY.**

VII. Wetlands Agent Activity Report – No report to submit (T. Bellman absent).

VIII. Citizen's comments / other topics

1. CACIWC Annual Meeting & Environmental Conference registration (11/14/15) and renewal of membership
MOTION TO RENEW MEMBERSHIP, EXPENDITURE OF \$55.00), JOINTLY WITH THE CONSERVATION COMMISSION EFFECTIVE JULY 1, 2015 THROUGH JULY 1, 2016. SECONDED BY P. LACASSE. MOTION CARRIED UNANIMOUSLY.

Annual meeting: November 15, 2015. Sign M. Butts up. She will advise on what classes.

2. A comment was made by M. Butts thanking T. Lajoie for a job well done on the minutes which really helped the Commissioners with their review and decision making process with each application. (Thanks! ☺)

IX. Adjournment at 09:12 p.m.

MOTION TO ADJOURN BY P. LACASSE, SECONDED BY C. KNITTEL. MOTION CARRIED UNANIMOUSLY.

Respectfully submitted,

Tina M. Lajoie, IWWA Clerk

Inland Wetlands & Watercourses Agency